

Department of Public Works



COUNTY OF SAN MATEO

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August 25, 2010

Mr. Bruce Wolfe, Executive Officer
San Francisco Bay Regional Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland, CA 94612

Dear Mr. Wolfe:

**Re: San Mateo County Flood Control District FY 2009-2010 Annual Report –
Municipal Regional Stormwater NPDES Permit No. CAS612008,
Order R2-2009-0074**

I certify under penalty of law that this document, all attachments to this document, and previous submittals, including trash hot spot selection information, decision to participate in a regional monitoring collaborative to implement Municipal Regional Permit Provision C.8, and the requested pump station inventory information, were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Very truly yours,

A handwritten signature in blue ink, appearing to read "James C. Porter".

James C. Porter
Director of Public Works
RCE No. 48056

JCP:AMS:MC:JC:sdd

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G:\users\utility\watershed_protection\STOPPP_NPDES\NPDES\MRP\2009_2010_AnnualReport\MRP_Cert_Cover_FY09_10.doc

Encl.: San Mateo County Flood Control District Annual Report – FY 2009-10

cc: Ann M. Stillman, P.E., Deputy Director of Public Works, Engineering and Resource Protection
Julie Casagrande, Watershed Protection Specialist, Utilities-Flood Control-Watershed Protection

FY 2009-2010 Annual Report

Permittee Name: San Mateo County Flood Control District

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FY 2009-2010 Annual Report

Permittee Name: San Mateo County Flood Control District

Permittee Information

Section 1 – Permittee Information

Background Information					
Permittee Name:	San Mateo County Flood Control District				
Population:	Non-population-based Permittee				
NPDES Permit No.:	CAS612008				
Order Number:	R2-2009-0074				
Reporting Time Period (month/year):	July 2009 through June 2010				
Name of the Responsible Authority:	James C. Porter			Title:	Director, Department of Public Works
Mailing Address:	555 County Center, 5 th Floor				
City:	Redwood City	Zip Code:	94063	County:	San Mateo County
Telephone Number:	650-363-4100		Fax Number:	650-361-8220	
E-mail Address:	jporter@co.sanmateo.ca.us				
Name of the Designated Stormwater Management Program Contact (if different from above):	Julie Casagrande			Title:	Watershed Protection Specialist
Department:	Public Works				
Mailing Address:	555 County Center, 5 th Floor				
City:	Redwood City	Zip Code:	94063	County:	San Mateo County
Telephone Number:	650-599-1457		Fax Number:	650-361-8220	
E-mail Address:	jcasagrande@co.sanmateo.ca.us				

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

- 1) *Completed pump station inventory by March 1, 2010*
- 2) *Designated two trash hot spots*
- 3) *Planned for first annual trash hot spot cleanups (SBR01 – August 2010 & COL02 – Sept 2010)*
- 4) *Continued implementation of Colma Creek Maintenance Monitoring Program including eleven (11) cleanups at three primary locations near the creek mouth to the Bay*
- 5) *Participated in SMCWPPP Municipal Maintenance Subcommittee's Trash Work Group (attended meetings, reviewed products)*
- 6) *Attended San Francisco Estuary Partnership's Vendor Fair and meeting on May 4, 2010*

C.2.a. ► Street and Road Repair and Maintenance

Place an **X** in the boxes next to implemented BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type **NA** in the box. If one or more of these BMPs were not adequately implemented during the reporting fiscal year then indicate so and provide explanation in the comments section below:

NA	Control of debris and waste materials during road and parking lot installation, repaving or repair maintenance activities from polluting stormwater.
NA	Control of concrete slurry and wastewater, asphalt, pavement cutting, and other street and road maintenance materials and wastewater from discharging to storm drains from work sites.
NA	Sweeping and/or vacuuming and other dry methods to remove debris, concrete, or sediment residues from work sites upon completion of work.

Comments:

Permittee Name: San Mateo County Flood Control District

C.2.b. ► Sidewalk/Plaza Maintenance and Pavement Washing

Place an **X** in the boxes next to implemented BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type **NA** in the box. If one or more of these BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:

NA	Control of wash water from pavement washing, mobile cleaning, pressure wash operations at parking lots, garages, trash areas, gas station fueling areas, and sidewalk and plaza cleaning activities from polluting stormwater
NA	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs

Comments:

C.2.c. ► Bridge and Structure Maintenance and Graffiti Removal

Place an **X** in the boxes next to implemented BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type **NA** in the box. If one or more of these BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:

NA	Control of discharges from bridge and structural maintenance activities directly over water or into storm drains
x	Control of discharges from graffiti removal activities
x	Proper disposal for wastes generated from bridge and structure maintenance and graffiti removal activities
x	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs for graffiti removal

Comments:

C.2.d. ► Stormwater Pump Stations						
Does your municipality own stormwater pump stations:				<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
If your answer is No then skip to C.2.e.						
<i>(For FY 10-11 Annual Report only) Complete the following table for dry weather DO monitoring and inspection data for pump stations¹ (add more rows for additional pump stations): Not required for this annual report. First round of monitoring and inspections to occur in August 2010.</i>						
Pump Station Name and Location	First Inspection Dry Weather DO Data		Second Inspection Dry Weather DO Data			
	Date	mg/L	Date	mg/L		
<i>(For FY 10-11 Annual Report only) Summarize corrective actions as needed for DO monitoring at or below 3 mg/L. Attach inspection records of additional DO monitoring for corrective actions:</i>						
Summary:						
Attachments:						
<i>(For FY 10-11 Annual Report only) Complete the following table for wet weather inspection data for pump stations (add more rows for additional pump stations): Not required for this annual report.</i>						
Pump Station Name and Location	Date (2x/year required)	Presence of Trash (Cubic Yards)	Presence of Odor (Yes or No)	Presence of Color (Yes or No)	Presence of Turbidity (Yes or No)	Presence of Floating Hydrocarbons (Yes or No)

¹ Pump stations that pump stormwater into stormwater collection systems or infiltrate into a dry creek immediately downstream are exempt from DO monitoring.

FY 2009-2010 Annual Report

Permittee Name: San Mateo County Flood Control District

C.2 – Municipal Operations

C.2.e. ► Rural Public Works Construction and Maintenance

Does your municipality own/maintain rural² roads:

☐

Yes

☒

No

If your answer is **No** then skip to **C.2.f.**

Place an **X** in the boxes next to implemented BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type **NA** in the box. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:

<input type="checkbox"/>	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas
<input type="checkbox"/>	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources
<input type="checkbox"/>	No impact to creek functions including migratory fish passage during construction of roads and culverts
<input type="checkbox"/>	Inspection of rural roads for structural integrity and prevention of impact on water quality
<input type="checkbox"/>	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion
<input type="checkbox"/>	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate
<input type="checkbox"/>	Inclusion of measures to reduce erosion, provide fish passage, and maintain natural stream geomorphology when replacing culverts or design of new culverts or bridge crossings

Comments including listing increased maintenance in priority areas:

² Rural means any watershed or portion thereof that is developed with large lot home-sites, such as one acre or larger, or with primarily agricultural, grazing or open space uses.

C.2.f. ► Corporation Yard BMP Implementation			
Place an X in the boxes below that apply to your corporation yard(s):			
<input checked="" type="checkbox"/>	We do not have a corporation yard		
<input type="checkbox"/>	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit		
<input type="checkbox"/>	We certify that we have a current Stormwater Pollution Prevention Plan (SWPPP) for the Corporation Yard(s)		
Place an X in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type NA in the box. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:			
<input type="checkbox"/>	NA	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment	
<input type="checkbox"/>	NA	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system	
<input type="checkbox"/>	NA	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method	
<input type="checkbox"/>	NA	Use of dry cleanup methods when cleaning debris and spills from corporation yard(s) or collection of all wash water and disposing of wash water to sanitary or other location where it does not impact surface or groundwater when wet cleanup methods are used	
<input type="checkbox"/>	NA	Cover and/or berm outdoor storage areas containing waste pollutants	
Comments: <i>San Mateo County Flood Control District utilizes County DPW Roads crews for routine maintenance activities. DPW Roads owns corporation yards but do not wash vehicles or equipment in rural Corporation Yards. Clean out occurs at main facility in Redwood City (Grant Yard), which has a recycle/filter system connected to the Redwood City sanitary sewer system.</i>			
If you have a corporation yard(s) that is not an NOI facility, complete the following table for inspection results for your corporation yard(s) or attach a summary including the following information:			
Corporation Yard Name	Inspection Date (1x/year required)	Inspection Findings/Results	Follow-up Actions

Section 3 - Provision C.3 Reporting New Development and Redevelopment
Section not applicable to San Mateo County Flood Control District

**C.3.a. ► New Development and Redevelopment Performance
Standard Implementation Summary Report**

(For FY 10-11 Annual Report only) Provide a brief summary of the methods of implementation of Provisions C.3.a.i.(1)-(8).

Summary: NA

C.3.b. ► Green Streets Status Report

(All projects to be completed by December 1, 2014)

On an annual basis (if applicable), report on the status of any pilot green street projects within your jurisdiction. For each completed project, report the capital costs, operation and maintenance costs, legal and procedural arrangements in place to address operation and maintenance and its associated costs, and the sustainable landscape measures incorporated in the project including, if relevant, the score from the Bay-Friendly Landscape Scorecard.

Summary: NA

C.3.b.v.(1) ► Regulated Projects Reporting Table

NA

Fill in attached table **C.3.b.v.(1)** or attach your own table including the same information

**C.3.h.iv. ► Installed Stormwater Treatment Systems Operation
and Maintenance Verification Inspection Program Reporting**

NA

(1) Fill in attached table **C.3.h.iv.(1)** or attach your own table including the same information

(2) On an annual basis, provide a discussion of the inspection findings for the year and any common problems encountered with various types of treatment systems and/or HM controls. This discussion should include a general comparison to the inspection findings from the previous year.

Summary:

(3) On an annual basis, provide a discussion of the effectiveness of the O&M Program and any proposed changes to improve the O&M Program (e.g., changes in prioritization plan or frequency of O&M inspections, other changes to improve effectiveness program).
Summary:

C.3 – New Development and Redevelopment

C.3.b.v.(1) ► Regulated Projects Reporting Table (part 1) – Projects Approved During the Fiscal Year Reporting Period										NA
Project Name Project No.	Project Location ³ , Street Address	Name of Developer	Project Phase No. ⁴	Project Type & Description ⁵	Project Watershed ⁶	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New and/or Replaced Impervious Surface Area ⁷ (ft ²)	Total Pre- Project Impervious Surface Area ⁸ (ft ²)	Total Post- Project Impervious Surface Area ⁹ (ft ²)
Private Projects										
Public Projects										

³ Include cross streets.

⁴ If a project is being constructed in phases, use a separate row entry for each phase.

⁵ Project Type is the type of development (i.e., new and/or redevelopment). Example descriptions of development are: 5-story office building, residential with 160 single-family homes with five 4-story buildings to contain 200 condominiums, 100 unit 2-story shopping mall, mixed use retail and residential development (apartments), industrial warehouse.

⁶ State the watershed(s) that the Regulated Project drains to. Optional but recommended: Also state the downstream watershed(s).

⁷ State both the total new impervious surface area and the total replaced impervious surface area, as applicable.

⁸ For redevelopment projects, state the pre-project impervious surface area.

⁹ For redevelopment projects, state the post-project impervious surface area.

C.3.b.v.(1) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period

NA

Project Name Project No.	Status of Project ¹⁰	Source Control Measures ¹¹	Site Design Measures ¹²	Treatment Systems Approved ¹³	Operation & Maintenance Responsibility Mechanism ¹⁴	Hydraulic Sizing Criteria ¹⁵	Alternative Compliance Measures ^{16/17}	Alternative Certification ¹⁸	HM Controls ^{19/20}
Private Projects									
Public Projects									

¹⁰ For private projects, state project application submittal date; application deemed complete date; and, final discretionary approval date. For public projects, state plans and specifications approval date.

¹¹ List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

¹² List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.

¹³ List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).

¹⁴ List the legal mechanism(s) (e.g., O&M agreement with private landowner; O&M agreement with homeowners' association; O&M by public entity, etc...) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.

¹⁵ See Provision C.3.d. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3)

¹⁶ For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.

¹⁷ For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.

¹⁸ Note whether a third party was used to certify the project design complies with Provision C.3.d.

¹⁹ If HM control is not required, state why not.

²⁰ If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

C.3.h.iv. ► Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting

NA

Fill in table **below** or attach your own table including the same information.

Facility/Site Inspected and Location	Party Responsible ²¹ For Maintenance	Date of Inspection	Type of Inspection ²²	Type of Treatment/HM Control(s) Inspected ²³	Inspection Findings or Results ²⁴	Enforcement Action Taken ²⁵	Comments	

²¹ State the responsible operator for installed stormwater treatment systems and HM controls.

²² State the type of inspection (e.g., annual, follow-up, spot, etc.).

²³ State the type(s) of treatment systems inspected (e.g., bioretention facility, flow-through planter, infiltration basin, etc...) and the type(s) of HM controls inspected, and indicate whether the treatment system is an onsite, joint, or offsite system.

²⁴ State the inspection findings or results (e.g., proper installation, improper installation, proper O&M, immediate maintenance needed, etc.).

²⁵ State the enforcement action(s) taken, if any, as appropriate and consistent with your municipality's Enforcement Response Plan.

Section 4 – Provision C.4 Industrial and Commercial Site Controls

Section not applicable to San Mateo County Flood Control District

C.4.a.ii ► Legal Authority

(For FY 09-10 Annual Report only) Do you have adequate legal authority to obtain effective stormwater pollutant control on industrial sites?

<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
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If No, explain:

The jurisdiction of the San Mateo County Flood Control District is limited to the flood control channels that were constructed and maintained by the District. We do not have legal authority for pollutant control on industrial sites located within the adjacent jurisdictions; however, we do work collaboratively with the municipalities to address stormwater concerns.

C.4.c.ii.(5) ► Enforcement Response Plan

(For FY 09-10 Annual Report only) Have you developed and implemented an Enforcement Response Plan by April 1, 2010?

<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
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If No, explain: *No legal authority for enforcement in jurisdictions adjacent to the County maintained flood control facilities. An ERP for unincorporated San Mateo County was developed by April 1, 2010 and is kept on file at County Environmental Health.*

Program Highlights

Provide background information, highlights, trends, etc. For FY 09-10 Annual Report describe steps taken to revise your program to meet new data tracking and reporting requirements.

NA

C.4.b.i. ► Business Inspection Plan

(For FY 09-10 Annual Report only) Do you have a Business Inspection Plan?

<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
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If No, explain: *No legal authority.*

Permittee Name: San Mateo County Flood Control District

C.4.b.iii.(1) ► Potential Facilities List

List below or attach your list of industrial and commercial facilities in your Inspection Plan to inspect that could reasonably be considered to cause or contribute to pollution of stormwater runoff.

NA

C.4.b.iii.(2) ► Facilities Scheduled for Inspection

List below or attach your list of facilities scheduled for inspection during the current fiscal year.

NA

C.4.c.iii.(1) ► Facility Inspections

NA

Fill out the following table or attach a summary of the following information.

	Number	Percent
Number of businesses inspected (if known)		
Total number of inspections conducted		
Violations issued (excluding verbal warnings)		
Sites inspected in violation		
Violations ¹ resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner		

¹ Total number of violations equals the number of initial enforcement actions (i.e. one violation issued for several problems during an inspection at a site). It does not equal the total number of enforcement actions because one violation issued at a site may have a second enforcement action for the same violation at the next inspection if it is not corrected.

C.4.c.iii.(2) ► Frequency and Types/Categories of Violations Observed

NA

Fill out the following table or attach a summary of the following information.

Type/Category of Violations Observed	Number of Violations
Actual discharge (e.g. non-stormwater discharge)	

Potential discharge (e.g. BMPs not in place or ineffective)	
---	--

C.4.c.iii.(2) ► Frequency and Type of Enforcement Conducted NA

Fill out the following table or attach a summary of the following information.

	Enforcement Action (as listed in ERP) ¹	Number of Enforcement Actions Taken	% of Enforcement Actions Taken ²
Level 1			
Level 2			
Level 3			
Level 4			
Total			

Notes:

¹Agencies to list specific enforcement actions as defined in their ERPs.²Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.**C.4.c.iii.(3) ► Types of Violations Noted by Business Category** NA

Fill out the following table or attach a summary of the following information.

Business Category ¹	Actual Discharge Violations	Potential Discharge Violations

Notes:

¹ List your Program's standard business categories.

Permittee Name: San Mateo County Flood Control District

C.4.c.iii.(4) ► Non-Filers

NA

List below or attach a list of the facilities required to have coverage under the Industrial General Permit but have not filed for coverage:

C.4.d.iii ► Staff Training Summary

NA

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance

Permittee Name: San Mateo County Flood Control District

Section 5 – Provision C.5 Illicit Discharge Detection and Elimination

C.5.a.ii ► Legal Authority

(For FY 09-10 Annual Report only) Do you have adequate legal authority to prohibit and control illicit discharges and escalate stricter enforcement to achieve expedient compliance?

<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
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If **No**, explain:

The jurisdiction of the San Mateo County Flood Control District is limited to the flood control channels that were constructed and maintained by the District. We do not have legal authority prohibit and control illicit discharges and implement enforcement within the adjacent jurisdictions, although we do work collaboratively with the municipalities to address stormwater concerns.

C.5.b.ii.(4) ► Enforcement Response Plan

(For FY 09-10 Annual Report only) Have you developed and implemented an Enforcement Response Plan by April 1, 2010?

<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
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If **No**, explain:

No legal authority for enforcement in jurisdictions adjacent to the County maintained flood control facilities. An ERP for unincorporated San Mateo County was developed by April 1, 2010 and is kept on file at County Environmental Health.

Program Highlights

Provide background information, highlights, trends, etc. For FY 09-10 Annual Report describe steps taken to revise your program to meet new data tracking and reporting requirements.

MS4 maps were made available to the public by July 1, 2010. Maps can be accessed at the front counter of the DPW office at 555 County Center, 5th Floor, Redwood City.

C.5.c.iii ► Complaint and Spill Response Phone Number and Spill Contact List

List below or attach your complaint and spill response phone number and spill contact list.

Contact	Description	Phone Number
Julie Casagrande	Illicit Discharge Coordinator, San Mateo County Flood Control District	650-599-1457
Dermot Casey	Illicit Discharge Coordinator, Unincorporated San Mateo County	650-372-6257
County Department of Public Works		650-363-4100
County Environmental Health Division		650-363-4305
County Office of Emergency Services		650-363-4790
SMCWPPP		650-372-6200

Permittee Name: San Mateo County Flood Control District

C.5.d.iii ► Evaluation of Mobile Business Program

NA

Describe implementation of minimum standards and BMPs for mobile businesses and your enforcement strategy. This may include participation in the BASMAA Mobile Surface Cleaners regional program or local activities.

Description:

C.5.e.iii ► Evaluation of Collection System Screening Program

NA

Provide a summary or attach a summary of your collection screening program, a summary of problems found during collection system screening and any changes to the screening program this FY.

Description:

C.5.f.iii.(1), (2), (3) ► Spill and Discharge Complaint Tracking

Spill and Discharge Complaint Tracking (fill out the following table or include an attachment of the following information)

	Number	Percentage
Discharges reported (C.5.f.iii.(1))	0	
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	0	
Discharges resolved in a timely manner (C.5.f.iii.(3))	0	

C.5.f.iii.(4) ► Summary of major types of discharges and complaints

Provide a narrative or attach a table and/or graph.

No spills or discharges reported.

Section 6 – Provision C.6 Construction Site Controls
Section not applicable to San Mateo County Flood Control District

C.6.a.iii ► Legal Authority

(For FY 09-10 Annual Report only) Is your agency's legal authority adequate for C.6 compliance?

☐ Yes ☒ No

If **No**, explain:

The jurisdiction of the San Mateo County Flood Control District is limited to the flood control channels that were constructed and maintained by the District. We do not have legal authority for C.6 compliance.

C.6.b.ii.(3) ► Enforcement Response Plan

(For FY 09-10 Annual Report only) Was your Enforcement Response Plan developed and implemented by April 1, 2010?

☐ Yes ☒ No

If **No**, explain:

No legal authority.

C.6.e.iii.1.a, b, c ► Site/Inspection Totals

NA

Number of sites disturbing < 1 acre of soil requiring storm water runoff quality inspection (i.e. High Priority) (C.6.e.iii.1.a)	Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.1.b)	Total number of storm water runoff quality inspections conducted (C.6.e.iii.1.c)
#	#	#

Permittee Name: San Mateo County Flood Control District

C.6.e.iii.1.d ► Construction Activities Storm Water Violations		NA
BMP Category	Number of Violations ¹	% of Total Violations ²
Erosion Control		
Run-on and Run-off Control		
Sediment Control		
Active Treatment Systems		
Good Site Management		
Non Stormwater Management		
Total		100%

Notes:

¹Count one violation in a category for each site and inspection regardless of how many violations/problems occurred in the BMP category.²Percentage calculated as number of violations in each category divided by total number of violations in all six categories.

C.6.e.iii.1.e ► Construction related storm water enforcement actions		NA	
	Enforcement Action (as listed in ERP) ¹	Number Enforcement Actions Taken	% Enforcement Actions Taken ²
Level 1			
Level 2			
Level 3			
Level 4			
Total			100%

Notes:

¹Agencies should list the specific enforcement actions as defined in their ERPs.²Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

C.6.e.iii.1.f, g ► Illicit Discharges		NA
		Number
Number of illicit discharges, actual and those inferred through evidence (C.6.e.iii.1.f)		
Number of sites with discharges, actual and those inferred through evidence (C.6.e.iii.1.g)		

C.6.e.iii.1.h, i ► Violation Correction Times		NA
	Number	Percent
Violations fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.1.h)		% ²
Violations not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)		% ³
Total number of violations for the reporting year ¹		100%

Notes:

¹Total number of violations equals the number of initial enforcement actions (i.e. one violation issued for several problems during an inspection at a site). It does not equal the total number of enforcement actions because one violation issued at a site may have a second enforcement action for the same violation at the next inspection if it is not corrected.

²Calculated as number of violations fully corrected in a timely period after the violations are discovered divided by the total number of violations for the reporting year.

³Calculated as number of violations not fully corrected within 30 days after the violations are discovered divided by the total number of violations for the reporting year.

C.6.e.iii.(2) ► Evaluation of Inspection Data	NA
Describe your evaluation of the tracking data and data summaries and provide information on the evaluation results (e.g., data trends, typical BMP performance issues, comparisons to previous years, etc.).	
Description:	

C.6.e.iii.(2) ► Evaluation of Inspection Program Effectiveness	NA
Describe what appear to be your program's strengths and weaknesses, and identify needed improvements, including education and outreach.	
Description:	

C.6.f ► Staff Training Summary

NA

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance

Section 7 – Provision C.7. Public Information and Outreach

C.7.b.ii.1 ► Advertising Campaign

Summarize advertising efforts. Include details such as messages, creative developed, and outreach media used. The detailed advertising report may be included as an attachment. If advertising is being done by participation in a countywide or regional program, refer to the separate countywide or regional Annual Report.

Summary: ***The following report developed by BASMAA is included within the C.7 Public Information and Outreach section of the Countywide Program's Annual Report:***

FY 09-10 Regional Outreach Strategic Plan – summarizes regional advertising efforts

C.7.b.iii.1 ► Pre-Campaign Survey

(For the FY 10-11 Annual Report only) Summarize survey information such as sample size, type of survey (telephone survey, interviews etc.). Attach a survey report that includes the following information. If survey was done regionally, refer to a regional submittal that contains the following information: ***Not required for this annual report***

- Summary of how the survey was implemented.
- Analysis of the survey results.
- Discussion of the outreach strategies based on the survey results.
- Discussion of planned or future advertising campaigns to influence awareness and behavior changes regarding trash/litter and pesticides.

Place an **X** in the appropriate box below:

<input type="checkbox"/>	Survey report attached
<input type="checkbox"/>	Reference to regional submittal:

C.7.c ► Media Relations

Summarize the media relations effort. Include the following details for each media pitch in the space below, AND/OR refer to a regional report that includes these details:

- Topic and content of pitch
- Medium (TV, radio, print, online)
- Date of publication/broadcast

Summary: ***The following reports developed by SMCWPPP and BASMAA are included within the C.7 Public Information and Outreach section of the Countywide Program's Annual Report:***

-FY 09-10 SMCWPPP Media Relations Report – summarizes countywide media relations efforts

-FY 09-10 BASMAA Regional Media Relations – summarizes regional media relations efforts

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C.7 – Public Information and Outreach

Permittee Name: San Mateo County Flood Control District

C.7.d ► Stormwater Point of Contact

(For FY 09-10 Annual Report only, unless changes made) Provide details of website or phone number used as the point of contact. Report on how the point of contact is publicized and maintained. If any change occurs in this contact, report in a subsequent Annual Report.

Contact Summary: *Points of contact for San Mateo County Flood Control District are available on the County Department of Public Works' website, <http://www.co.sanmateo.ca.us/portal/site/publicworks/> and through the main office phone number 650-363-4100.*

The Countywide Program's website, www.flowstobay.org and phone number 650-372-6200 is another point of contact that is publicized on SMCWPPP outreach materials and maintained by the Countywide Program. Individual agency points of contact are publicized on the website, referred to when calling into the Countywide program number, and publicized on some SMCWPPP outreach materials.

C.7.e ► Public Outreach Events

Describe general approach to event selection. Provide a list of outreach materials and giveaways distributed.

Use the following table for reporting and evaluating public outreach events

Event Details	Description (messages, audience)	Evaluation of Effectiveness
<p><i>The following outreach events were done on a countywide level by SMCWPPP and are included in the C.7 Public Information and Outreach section of the Countywide Program's FY 09-10 Annual Report:</i></p> <ul style="list-style-type: none"> <i>FY 09-10 Coordination of California Coastal Cleanup Day in San Mateo County, September 19, 2009.</i> <i>FY 09-10 Home Show at the Cow Palace, March 26, 27, & 28, 2010.</i> 	<p><i>Description provided in the Countywide Program's FY 09-10 Annual Report</i></p>	<p><i>An evaluation of effectiveness is provided in the Countywide Program's FY 09-10 Annual Report</i></p>

C.7.f. ► Watershed Stewardship Collaborative Efforts

Summarize watershed stewardship collaborative efforts and/or refer to a regional report that provides details. Describe the level of effort and support given (e.g., funding only, active participation etc.). State efforts undertaken and the results of these efforts. If this activity is done regionally refer to a regional report.

Evaluate effectiveness by describing the following:

- Efforts undertaken
- Major accomplishments

Summary: *During FY 09-10, SMCWPPP developed the online guide, Environmental Resource Guide of Groups and Organizations in San*

Permittee Name: San Mateo County Flood Control District

Mateo County with Watershed Stewardship Efforts to encourage public involvement in watershed volunteer efforts. Communication was established with each of the organizations in the guide in order to understand each of the group's needs and future collaboration possibilities. In addition, all of the organization's events throughout the year were posted on the Countywide Program's popular 'Community Events' page to publicize and encourage participation by county residents in local stewardship efforts.

C.7.g. ► Citizen Involvement Events

List the types of events conducted (e.g., creek clean up, storm drain inlet marking, native gardening etc.). Use the following table for reporting and evaluating citizen involvement events.

Event Details	Description	Evaluation of effectiveness
<p><i>The following report developed by SMCWPPP on the countywide citizen involvement event is included within the C.7 Public Information and Outreach section of the Countywide Program's FY 09-10 Annual Report:</i></p> <ul style="list-style-type: none"> <i>• FY 09-10 Coordination of California Coastal Cleanup Day in San Mateo County, September 19, 2009.</i> 	<p><i>Description provided in the Countywide Program's FY 09-10 Annual Report</i></p>	<p><i>An evaluation of effectiveness is provided in the Countywide Program's FY 09-10 Annual Report</i></p>

C.7.h. ► School-Age Children Outreach

Summarize school-age children outreach programs implemented. A detailed report may be included as an attachment. Use the following table for reporting school-age children outreach efforts.

Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
<p><i>The following separate reports developed by SMCWPPP are included within the C.7 Public Information and Outreach section of the Countywide Program's FY 09-10 Annual Report:</i></p> <ul style="list-style-type: none"> <i>• FY 09-10 ZunZun School</i> 	<p><i>Description provided in the Countywide Program's FY 09-10 Annual Report</i></p>	<p><i>The number of student's/teachers reached is provided in the Countywide Program's FY 09-10 Annual Report</i></p>	<p><i>An evaluation of effectiveness is provided in the Countywide Program's FY 09-10 Annual Report</i></p>

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C.7 – Public Information and Outreach

Assembly Program • <i>FY 09-10 The Watershed Project, Creek Champions In Class Presentations.</i>			
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Section 8 - Provision C.8 Water Quality Monitoring

C.8 ► Water Quality Monitoring

State below if information is reported in a separate regional report. Municipalities can also describe below any Water Quality Monitoring activities in which they participate directly, e.g. participation in RMP workgroups, fieldwork within their jurisdictions, etc.

During FY 09-10, we contributed to SMCWPPP's Monitoring and Assessment Program in coordination with BASMAA's Regional Monitoring Coalition (RMC). In addition, we contribute financially to the Regional Monitoring Program for Water Quality in the San Francisco Estuary (RMP) and actively participate in RMP committees and work groups. For additional information on monitoring activities conducted by SMCWPPP, BASMAA RMC and the RMP, see the C.8 Water Quality Monitoring section of the Countywide Program's FY 09-10 Annual Report.

Permittee Name: San Mateo County Flood Control District

Section 9 – Provision C.9 Pesticides Toxicity Controls

C.9.a ► Adopt an Integrated Pest Management (IPM) Policy or Ordinance

(For FY 09-10 Annual Report only) Attach a copy of your individual IPM ordinance or policy.

☒

Attached

☐

Not attached, explain below

If **Not attached**, explain:**C.9.b ► Implement IPM Policy or Ordinance**

Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and suggest reasons for increases in use of pesticides that threaten water quality, specifically organophosphorous pesticides, pyrethroids, carbaryl, and fipronil. A separate report can be attached as evidence of your implementation.

Summary: **The County of San Mateo IPM was adopted by the Board of Supervisors on June 8, 2010. The San Mateo County Flood Control District did not use pesticides at any of the County maintained flood control facilities during this reporting period.**

C.9.c ► Train Municipal Employees

Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.

0

Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.

2

Enter the percentage of municipal employees who apply pesticides who have received training in the IPM policy and IPM standard operating procedures within the last three years.

100

C.9.d ► Require Contractors to Implement IPM

Did your municipality contract with any pesticide service provider in the reporting year?

☐

Yes

☒

No

If yes, attach one of the following:

☐ Contract specifications that require adherence to your IPM policy and standard operating procedures, OR☐ Copy(ies) of the contractors' IPM certification(s) or equivalent, OR☐ Equivalent documentation.

If not attached, explain:

C.9.e ► Track and Participate in Relevant Regulatory Processes

Summarize participation efforts, information submitted, and how regulatory actions were affected **OR** reference a regional report that summarizes regional participation efforts, information submitted, and how regulatory actions were affected.

Summary: *During FY 09-10, we participated in regulatory processes related to pesticides through contributions to SMCWPPP, BASMAA and CASQA. For additional information, see the Regional Pollutants of Concern Report submitted by BASMAA on behalf of all MRP Permittees. This Report is included within the Countywide Program's FY 09-10 Annual Report.*

C.9.f ► Interface with County Agricultural Commissioners

Provide a summary of improper pesticide usage reported to County Agricultural Commissioners and follow-up actions to correct violations, if any. A separate report can be attached as your summary.

Summary: *NA*

C.9.h.ii ► Public Outreach: Point of Purchase

Provide a summary of public outreach at point of purchase, and any measurable awareness and behavior changes resulting from outreach (here or in a separate report); **OR** reference a report of a regional effort for public outreach in which your agency participates.

Summary: *The following reports developed by SMCWPPP and BASMAA summarize point of purchase outreach efforts. These reports are included within the C.9 Pesticides Toxicity Control section of the Countywide Program's FY 09-10 Annual Report:*

- *FY 09-10 IPM Store Partnership Program (SMCWPPP)*
- *FY 09-10 'Our Water, Our World' Report (BASMAA)*

C.9.h.vi ► Public Outreach: Pest Control Operators

Provide a summary of public outreach to pest control operators and landscapers and reduced pesticide use (here or in a separate report); **OR** reference a report of a regional effort for outreach to pest control operators and landscapers in which your agency participates.

Summary: *The following separate report developed by SMCWPPP summarize Pest Control Operator outreach efforts conducted during FY 09-10:*

- *FY 09-10 Green Gardener Pilot-Program Training Report.*

Permittee Name: San Mateo County Flood Control District

Section 10 - Provision C.10 Trash Load Reduction

C.10.a.i ► Short-Term Trash Loading Reduction Plan

(For FY 10-11 Annual Report only) Provide description of actions/tasks initiated/conducted/completed in developing a Short-Term Trash Loading Reduction Plan (due February 1, 2012).

Description: **Not required for this Annual Report.**

C.10.a.ii ► Baseline Trash Load and Trash Load Reduction Tracking Method

(For FY 10-11 Annual Report only) Provide description of actions/tasks initiated/conducted/completed to gather trash loading data and develop a Baseline Trash Load and Trash Load Reduction Tracking Method (due February 1, 2012).

Description: **A summary of the Countywide Program's accomplishments for this sub-provision are included within the C.10 Trash Load Reduction section of Program's FY 09-10 Annual Report.**

C.10.a.iii ► Minimum Full Trash Capture

(For FY 10-11 Annual Report and Each Annual Report Thereafter) Provide a description of actions/tasks initiated/conducted/completed in implementing Minimum Full Trash Capture Devices (due July 1, 2014) within individual jurisdictions. Include information on Full Trash Capture Devices installed under Bay-area Wide Trash Capture Demonstration Project administered by San Francisco Estuary Partnership.

Description: **A summary of Program accomplishments for this sub-provision are included within the C.10 Trash Load Reduction section of the Countywide Program's FY 09-10 Annual Report. Additionally, we attended the San Francisco Estuary Partnership's Vendor Fair and meeting on May 4, 2010.**

C.10.b.iii ► Trash Hot Spot Assessment

(For FY 10-11 Annual Report and Each Annual Report Thereafter) Provide volume of material removed from each Trash Hot Spot cleanup, and the dominant types of trash (e.g., glass, plastics, paper) removed and their sources to the extent possible. Provide required photo documentation.

Fill out the following table or attach a summary of the following information. **Cleanups were not conducted during this reporting period. Cleanups are scheduled for August and September 2010, and the results will be included in the next annual report.**

Trash Hot Spot	Cleanup Date	Volume of Material Removed	Dominant Type of Trash	Trash Sources (where possible)

Permittee Name: San Mateo County Flood Control District

C.10.d ► Summary of Trash Load Reduction Actions

Provide summary of new trash load reduction actions or increased levels of implementation of existing actions that were implemented after adoption of the MRP (control measures and best management practices) including the types of actions and levels of implementation, and the total trash loads and dominant types of trash removed from each type of action.

Not all trash load reduction actions were tracked by 'loads removed' this fiscal year. Once the Trash Load Reduction Tracking Method is developed (see Provision C.10.a.ii), trash loads will be estimated for each load reduction action, as feasible.

We are currently collaborating with Clean Water Action/Clean Water Fund California and the City of South San Francisco (SSF) on the 'Taking Out the Trash' project funded by grants from Whale Tail Program (Coastal Commission) and Clif Bar. The project will involve 1) gathering information on the specific types of trash that are being captured in the SSF storm drain system which drains to the Colma Creek Flood Control Channel; 2) developing educational materials; 3) engaging volunteers and community groups as educators; and 4) educating and engaging local businesses.

Suggested trash load reduction actions to track and report may include:

- Anti-litter Campaigns
- Anti-litter/Dumping Enforcement Activities
- Curbside Recycling Programs
- Education and Outreach Efforts
- Free Trash Pickup/Dropoff Days
- County HHW Program Activities
- Improved Trash Bin Management
- Inspection/Maintenance of Storm Drain Outfalls
- Litter Pickup and Control
- Removal of Homeless Encampments
- Solid Waste Recycling Efforts
- Source Controls/Bans/Prohibitions
- Storm Drain Operation and Maintenance
- Storm Drain Signage/Marking
- Street Sweeping Activities
- Trash Removal from Receptacles
- Volunteer Creek Cleanups

Type of Trash Load Reduction Action	Date of First Implementation	Level of Implementation (specify if level was increased after MRP adoption)	Total Trash Load Removed by Action	Dominant Types of Trash Removed by Action
Litter Pickup along Colma Creek	September 2004	Approximately monthly at 3 locations	37 cubic yards (7/2009-6/2010)	Bottles, bags, convenience/fast food items, Styrofoam, cigarette butt, balls

Section 11 - Provision C.11 Mercury Controls

C.11.a.i ► Mercury Recycling Efforts

List below or attach lists of efforts to promote, facilitate, and/or participate in collection and recycling of mercury containing devices and equipment at the consumer level (e.g., thermometers, thermostats, switches, bulbs).

Mercury recycling conducted by the San Mateo County HHW Program (County Environmental Health) and business inspections, solid waste and recycling, public education and outreach conducted by County Environmental Health, Recycle Works (County Department of Public Works), and SMCWPPP. Additional information is available at:

<http://www.recycleworks.org/>

<http://www.co.sanmateo.ca.us/portal/site/health/>

http://www.flowstobay.org/cs_too_toxic.php

C.11.a.ii ► Mercury Collection

Provide an estimate of the mass of mercury collected through these efforts, or provide a reference to a report containing this estimate.

Amount collected: ***The methodologies for estimating the mass of mercury collected through mercury collection and recycling efforts are currently in development and are due to the Water Board by September 15, 2010. Therefore, estimates could not be made for FY 09-10. Estimates of the mass of mercury collected through recycling efforts during FY 10-11 will be provided with the FY 10-11 Annual Report.***

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Permittee Name: San Mateo County Flood Control District

C.11 – Mercury Controls

- C.11.b ► Monitor Methylmercury**
- C.11.c ► Pilot Projects to Investigate and Abate Mercury Sources in Drainages**
- C.11.d ► Pilot Projects to Evaluate and Enhance Municipal Sediment Removal and Management Practices**
- C.11.e ► Conduct Pilot Projects to Evaluate On-Site Stormwater Treatment via Retrofit**
- C.11.f ► Diversion of Dry Weather and First Flush Flows to POTWs**
- C.11.g ► Monitor Stormwater Mercury Pollutant Loads and Loads Reduced**
- C.11.h ► Fate and Transport Study of Mercury In Urban Runoff**
- C.11.i ► Development of a Risk Reduction Program Implemented Throughout the Region**
- C.11.j ► Develop Allocation Sharing Scheme with Caltrans**

State below if information is reported in a separate regional report. Municipalities that participate directly in regional activities to can provide descriptions below.

Summary: *A summary of SMCWPPP's accomplishments for these sub-provisions are included within the C.11 Mercury Controls section of the Countywide Program's FY 09-10 Annual Report and/or the BASMAA Regional POC Report.*

Section 12 - Provision C.12 PCBs Controls

C.12.a.i,iii ► Municipal Inspectors Training

(For FY 09-10 Annual Report only) List below or attach description of results of training municipal industrial inspectors to identify, in the course of their existing inspections, PCBs or PCB-containing equipment.

Description: *In FY 09-10, inspector training materials were developed through in-kind contributions of SMCWPPP and SCVURPPP to BASMAA. Training materials can be found in the BASMAA Regional POC Report. Training for municipal industrial inspectors will be conducted in August 2010.*

C.12.a.ii,iii ► Ongoing Training

(For FY 10-11 Annual Report and Each Annual Report Thereafter) List below or attach description of ongoing training development and inspections for PCB identification, including documentation and referral to appropriate regulatory agencies (e.g. county health departments, Department of Toxic Substances Control, California Department of Public Health, and the Water Board) as necessary.

Description: **Not required for this Annual Report.**

FY 2009-2010 Annual Report

Permittee Name: San Mateo County Flood Control District

C.12 – PCB Controls

C.12.b ► Conduct Pilot Projects to Evaluate Managing PCB-Containing Materials and Wastes during Building Demolition and Renovation Activities

C.12.c ► Pilot Projects to Investigate and Abate On-land Locations with Elevated PCB Concentrations

C.12.d ► Conduct Pilot Projects to Evaluate and Enhance Municipal Sediment Removal and Management Practices

C.12.e ► Conduct Pilot Projects to Evaluate On-Site Stormwater Treatment via Retrofit

C.12.f ► Diversion of Dry Weather and First Flush Flows to POTWs

C.12.g ► Monitor Stormwater PCB Pollutant Loads and Loads Reduced

C.12.h ► Fate and Transport Study of PCBs In Urban Runoff

C.12.i ► Development of a Risk Reduction Program Implemented Throughout the Region

State below if information is reported in a separate regional report. Municipalities that participate directly in regional activities to can provide descriptions below.

Summary: A summary of Program accomplishments for these sub-provisions are included within the C.12 PCB Controls section of the Countywide Program's FY 09-10 Annual Report and/or the BASMAA Regional POC Report.

Section 13 - Provision C.13 Copper Controls

C.13.a.i and iii ► Legal Authority: Architectural Copper

(For FY 10-11 Annual Report only) Do you have adequate legal authority to prohibit discharge of wastewater to storm drains generated from the installation, cleaning, treating, and washing of the surface of copper architectural features, including copper roofs to storm drains?

	Yes	<input checked="" type="checkbox"/>	No
--	-----	-------------------------------------	----

If **No**, explain and provide schedule for obtaining authority within 1 year: **Not required for this Annual Report.**

C.13.b.i and iii ► Legal Authority: Pools, Spas, and Fountains

(For FY10-11 Annual Report only) Do you have adequate legal authority to prohibit discharges to storm drains from pools, spas, and fountains that contain copper-based chemicals?

	Yes	<input checked="" type="checkbox"/>	No
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If **No**, explain and provide schedule for obtaining authority within 1 year: **Not required for this Annual Report.**

C.13.c ► Vehicle Brake Pads

Reported in a separate regional report.

A summary of SMCWPPP's participation with the Brake Pad Partnership (BPP) is included within the C.13

Copper Controls section of the Countywide Program's FY 09-10 Annual Report and/or the BASMAA Regional POC Report.

C.13.d.iii ► Industrial Sources Copper Reduction Results

List below or attach annotated lists or tables from your Industrial and Commercial Site Controls portion of this report, that highlight copper reduction results among the facilities identified as potential users or sources of copper, facilities inspected, and BMPs addressed. For FY09-10 describe below or highlight in the C.4 Evaluation portion (if provided) of this report the steps taken to revise your program to meet new data tracking and reporting requirements for implementation levels described in C.13.d.ii.

Summary: **In FY 09-10, inspector training materials were developed through in-kind contributions of SMCWPPP and SCVURPPP to BASMAA. Training materials can be found in the BASMAA Regional POC Report.**

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Permittee Name: San Mateo County Flood Control District

C.13 – Copper Controls

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C.13.e ► Studies to Reduce Copper Pollutant Impact Uncertainties

Revised. Description reads "State below if information is reported in a separate regional report. Municipalities that participate directly in regional activities to can provide descriptions below."

Summary: A summary of SMCWPPP's efforts (i.e., participation in RMP committee and work group meetings) to develop regional studies to reduce copper pollutant impact uncertainties is included within the C.13 Copper Controls section of the Countywide Program's FY 09-10 Annual Report and/or BASMAA Regional POC Report.

Section 14 - Provision C.14 PBDE, Legacy Pesticides and Selenium Controls

C.14.a ► Control Programs for PBDEs, Legacy Pesticides and Selenium Controls

Revised. Description reads "State below if information is reported in a separate regional report. Municipalities that participate directly in regional activities to can provide descriptions below."

Summary: *A summary of SMCWPPP's efforts (i.e., participation in RMP committee and work group meetings) to develop a Control Program for PBDEs, Legacy Pesticides and Selenium is included within the C.14 PBDE, Legacy Pesticides and Selenium section of the Countywide Program's FY 09-10 Annual Report and/or BASMAA Regional POC Report.*

Permittee Name: San Mateo County Flood Control District

Section 15 - Provision C.15 Exempted and Conditionally Exempted Discharges

C.15.b.iii.(1), C.15.b.iii.(2) ► Planned and Unplanned Discharges of Potable Water

Is your agency a water purveyor?

☐

Yes

☒

No

If **No**, skip to C.15.b.vi.(2):

If **Yes**, Complete the attached reporting tables or attach your own table with the same information. Describe program highlights below. For FY 09-10 only, describe steps taken to revise your program to meet new monitoring, data tracking and reporting requirements.

Summary:

C.15.b.vi.(2) ► Irrigation Water, Landscape Irrigation, and Lawn or Garden Watering

Provide implementation summaries of the required BMPs to promote measures that minimize runoff and pollutant loading from excess irrigation. Generally the categories are:

- Promote conservation programs
- Promote outreach for less toxic pest control and landscape management
- Promote use of drought tolerant and native vegetation
- Promote outreach messages to encourage appropriate watering/irrigation practices
- Implement Illicit Discharge Enforcement Response Plan for ongoing, large volume landscape irrigation runoff.

Summary: *Multiple efforts through DPW Recycle Works program, County Green Portal, and through participation in the Countywide Program's public outreach efforts. Please see the following website for specific outreach materials:*

<http://www.recycleworks.org/compost/index.html>

<http://www.co.sanmateo.ca.us/portal/site/greenportal>

http://www.flowstobay.org/cs_yard_garden.php

http://www.flowstobay.org/cs_pest_control.php

http://www.flowstobay.org/cs_outreach.php

http://www.flowstobay.org/cs_request_materials.php

San Mateo County Flood Control District's maintenance activities typically do not involve landscape irrigation. However, the District is currently responsible for maintaining 3 habitat mitigation sites, which require periodic watering of new plants to ensure plant survival. The maintenance period of the mitigation sites is expected to end after 2011. The District routinely provides comments related to landscaping projects proposed by other agencies or private entities in areas adjacent to District facilities.

C.15.b.iii.(1) ► Planned Discharges of the Potable Water System				NA							
Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity ¹ (NTU)	Implemented BMPs & Corrective Actions	

Notes:

¹ Monitor the receiving water for turbidity if necessary and feasible. Include data in this column if available.

C.15.b.iii.(2) ▶ Unplanned Discharges of the Potable Water System														
Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Discharge Duration (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual ² (mg/L)	pH ² (standard units)	Discharge Turbidity (Visual) ² .	Implemented BMPs & Corrective Actions	Time of discharge discovery	Regulatory Agency Notification Time ⁴	Inspector arrival time	Responding crew arrival time

Notes:

1. This table contains all of the unplanned discharges that occurred in this FY.
2. Monitoring data is only required for 10% of the unplanned discharges. If you monitored more than 10% of your unplanned discharges report all of the data collected.
4. Notification to Water Board staff is required for unplanned discharges where the chlorine residual is >0.05 mg/L and total volume is ≥ 50,000 gallons. Notification to State Office of Emergency Services is required after becoming aware of aquatic impacts as a result of unplanned discharge or when the discharge might endanger or compromise public health and safety.

County of San Mateo Integrated Pest Management (IPM) Policy

GOAL

The County of San Mateo (County) seeks to protect the health and safety of its employees and the general public, the environment and water quality, as well as to provide sustainable solutions for pest control, through the reduced use of pesticides on property owned or managed by the County to the maximum extent practicable.

IMPLEMENTATION

1. Employees implementing pest management operations will use Integrated Pest Management (IPM) techniques that emphasize non-pesticide alternatives where feasible and, when necessary, employ the least toxic chemicals. Preference will be given to IPM certified contractors or contractors who implement IPM. County departments and their contractors that apply pesticides will develop and maintain an active IPM Plan to ensure the long-term prevention and suppression of pest problems with minimum negative impacts on the health and safety of the community and environment. The County will track employee and contractor pesticide use and prepare an annual report summarizing pesticide use and evaluating pest control activities performed.
2. The County shall encourage pilot projects to demonstrate landscape and structural pest control alternatives, seeking to use the most recent technology, best management practices and least toxic methods for all pest control measures. Pilot projects should include an objective analysis of the effectiveness of the alternative techniques applied.
3. The County will review its purchasing procedures, contracts or service agreements with pesticide applicators and employee training practices to determine what changes can be made to support the goal of pesticide reduction and promote the purchase and use of the least harmful chemicals.
4. The County will perform educational outreach and/or support Countywide or regional efforts to educate residential and commercial pesticide users on a) goals and techniques of IPM, and b) pesticide related water quality issues.

DEFINITIONS

Pesticides are defined as: any substance or mixture of substances intended for preventing, destroying, repelling, or mitigating any pest. Pests can be insects, rodents and other animals, unwanted plants (weeds), bacteria or fungi. The term pesticide applies to herbicides, fungicides, insecticides, rodenticides, molluscicides and other substances used to control pests. Antimicrobial agents are not included in this definition of pesticides. In general, the intent of antimicrobial agents is to reduce or mitigate the growth or development of microbial organisms.

Integrated Pest Management (IPM) is an ecosystem-based strategy that focuses on long-term prevention of pests or their damage through a combination of techniques such as biological control, habitat manipulation, modification of cultural practices, and use of resistant varieties. Pesticides shall be used only if the above techniques are found to be either ineffective or economically infeasible. Pesticide use shall be in accordance with established guidelines, and treatments shall be made with the goal of removing only target organisms. Pest control materials shall be selected and applied in a manner that minimizes risks to human health, beneficial and nontarget organisms, and the environment.

IPM techniques could include biological controls (e.g., ladybugs and other natural enemies or predators); physical or mechanical controls (e.g., hand labor or mowing); cultural controls (e.g., mulching, discing, or alternative plant type selection); and reduced risk chemical controls (e.g., soaps or oils).

County owned or managed property includes but is not limited to: parks and open space; golf courses; roadsides; landscaped medians; flood control channels; buildings, structures, and other outdoor property owned or managed by the County.